## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. END919980110US3

Total Pages in this Submission

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### TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application invention entitled:

FLIP CHIP C4 EXTENSION STRUCTURE AND PROCESS ASSIGNEE NAME: INTERNATIONAL BUSINESS MACHINES CORPORATION ASSIGNEE ADDRESS: ARMONK, NY and invented by: Jimarez et al. **If a CONTINUATION APPLICATION**, check appropriate box and supply the requisite information: Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/309,405 Which is a: 👊 Continuation 🔲 Divisional 🔲 Continuation-in-part (CIP) of prior application No.: Which is a: Continuation Divisional Continuation-in-part (CIP) of prior application No.: "LJ Enclosed are: **Application Elements** Filing fee as calculated and transmitted as described below 56 Specification having pages and including the following: Descriptive Title of the Invention a. 🛛 Cross References to Related Applications (if applicable) c. 🔲 Statement Regarding Federally-sponsored Research/Development (if applicable) d. 🔲 Reference to Microfiche Appendix (if applicable) e. 🛛 Background of the Invention f. 🛛 Brief Summary of the Invention Brief Description of the Drawings (if drawings filed) g. 🛛 h. 🛛 **Detailed Description** i. 🛛 Claim(s) as Classified Below i. 🛛 Abstract of the Disclosure

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Docket No. END919980110US3

Total Pages in this Submission 4

3.			Drawing(s) (when necessary as prescribed by 35 USC 113)						
	a.	*	Formal	Number of Sheets					
	b.		Informal	Number of Sheets					
4.	×	Oath or Declaration							
	a.	Newly executed (original or copy) □ Unexecuted							
	b.		Copy from a prior a	pplication (37 CFR 1.63(d)) (for continuation/divisional application only)					
	c.	With Power of Attorney □ Without Power of Attorney							
	d.	d. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).							
F 5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.							
6. U 7.		Computer Program in Microfiche (Appendix)							
		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)							
TJ CJ	a.	□ Paper Copy							
132	b.	☐ Computer Readable Copy (identical to computer copy)							
	c.		Statement Verifying	Identical Paper and Computer Readable Copy					
				Accompanying Application Parts					
8.	×	Assignment Papers (cover sheet & document(s))							
9.		37 CFR 3.73(B) Statement (when there is an assignee)							
10.		English Translation Document (if applicable)							
11.	×	Information Disclosure Statement/PTO-1449   Copies of IDS Citations							
12.		Preliminary Amendment							
13.	3. 🗷 Acknowledgment postcard								
14. 🛛 Certificate of Mailing									
			First Class 🛛 E	Express Mail (Specify Label No.): ET029404735US					

**Application Elements (Continued)** 

## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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of the application.

Docket No. END919980110US3

Total Pages in this Submission

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### Warning

this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

### UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

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Total Pages in this Submission

### Fee Calculation and Transmittal

**CLAIMS AS FILED** 

#### For #Filed Rate Fee #Allowed #Extra \$342.00 **Total Claims** 39 - 20 = 19 \$18.00 \$0.00 3 Indep. Claims - 3 = 0 \$80.00 Multiple Dependent Claims (check if applicable) \$0.00

\$710.00 **BASIC FEE** OTHER FEE (specify purpose) \$0.00

> TOTAL FILING FEE \$1,052.00

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to cover the filing fee is enclosed.

☑ The Commissioner is hereby authorized to charge and credit Deposit Account No. as described below. A duplicate copy of this sheet is enclosed.

09-0457

☑ Charge the amount of

\$1,052.00

as filing fee.

☑ Credit any overpayment.

eb. 09, 2001

☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.

☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance,

pursuant to 37 C.F.R. 1.311(b).

Lawrence R. Fraley, Reg. No. 26,885

IBM Corporation / IP Law Dept. N50/040-4

1701 North Street Endicott, NY 13760 Telephone: (607)755-3207 Fax No.: (607)755-3250

cc: RECORDS

CERTIFICATE OF MADE Applicant(s): Jimarez et	Docket No. END919980110US3								
Serial No.	Filing Date HEREWITH	Examiner	Group Art Unit						
Invention: FLIP CHIP C4 EXTENSION STRUCTURE AND PROCESS									
I hereby certify that the following correspondence:  Continuation-in-part application and corresponding paperwork									
(Identify type of correspondence)  is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under Torrest 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C., 20231 on									
"- <b>[</b> 2/12/01	June M. Mitchell  (Typed or Printed Name of Person Mailing Correspondence)  When the state of Person Mailing Correspondence of Perso								

Note: Each paper must have its own certificate of mailing.